

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Ulrich JERICHOW

Date: June 13, 2002

Serial No.: 10/088,779

Group Art Unit: not yet known

Filed: March 20, 2002

Examiner: not yet known

Int'l. Appl. No.: PCT/EP00/08822

Int'l. Filing Date: Sept. 9, 2000

For: METHOD FOR THE HEAT TREATMENT OF STRUCTURE CASTINGS FROM AN
ALUMINIUM ALLOY TO BE USED THEREFOR

U.S. Patent & Trademark Office

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SUBMISSION

Sir:

The documents listed on the attached art listing form were cited in an Office Action issued in the German procedure of the instant application.

EP 0 687 742 and CH 689 143 A5 correspond to U.S. Patent

6,364,970 and DE 36 05 519 corresponds to U.S. Patent 4,695,329. Copies of these documents are attached.

There is no English equivalent for Auslegeschrift 1 027 409.

Auslegeschrift 1 027 409 describes the use of forgeable alloy consisting of 2 to 10% zinc 1 to 6% magnesium, 0.01 to 3% copper, 0.005 to 0.15% iron, 0.005 to 0.15% manganese, 0.005 to 0.15% silicon, 0.005 to 0.15% titanium, rest aluminium having a degree of purity of at least 99.8%, preferably 99.99%, wherein the sum of iron, manganese, silicon and titanium does not exceed 0.3%, for the manufacture of articles which have a high tensile strength and a high elongation value almost equal in the longitudinal and in the cross direction.

Cast blocks are homogenized, cut and pressed to tubes, rods or profiles.

After the pressing operation the articles are subjected to a solution treatment and thereafter to quenching. In this stage the alloy can be subjected to cold or warm age

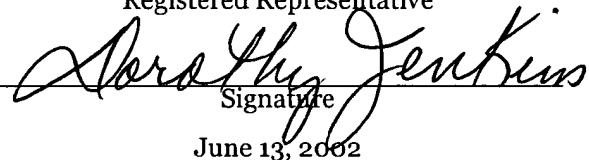
temperatures between 60° and 200°C increases the tensile strength, whereas the elongation decreases with increasing tensile strength.

The elongation in the cross direction is notably improved with the alloy according to the invention and it is possible to obtain an elongation in the cross direction of up to 14% as compared with up to 4% for the hitherto known alloys.

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail to Addressee (mail label #EL611016691US) in an envelope addressed to: United States Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202 on June 13, 2002:

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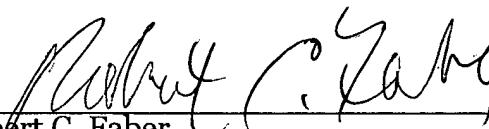

Signature

June 13, 2002

Date of Signature

RCF:sds
Enclosures

Respectfully submitted,



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APPLICANT'S ART CITATION (Use several sheets if necessary)								Application 10/088,779		OFGS File No. P/1568-54					
								Applicant Ulrich JERICHOW							
								International Filing Date Sept. 9, 2000				Group Art Unit --			
U.S. PATENT DOCUMENTS															
Examiner Initial	Document Number							Date	Name	Class	Sub-class	Filing Date If Appropriate			
	6	3	6	4	9	7	0	04/02/2002	Heilscher et. al.			11/21/1994			
	4	6	9	5	3	2	9	09/22/1987	Hayashi et. al.			02/20/1986			
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	Document Number							Date	Country	Class	Sub-class	Translation			
												Yes		No	
	6	8	7	7	4	2	A 1	12/20/1995	Europe			X (U.S. equivalent attached)			
	6	8	9	1	4	3	A 5	10/30/1998	Switzerland			X (U.S. equivalent attached)			
	3	6	0	5	5	1	9 C 2	09/18/1986	Germany			X (U.S. equivalent attached)			
	9	3	0	8	3	1	4	04/29/1993	WIPO						
	1	0	2	7	4	0	9	04/03/1958	Germany			X (Explanation in submission)			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)															
		German Office Action													
Examiner				Date Considered											
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.															